

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070124\
 Data File : VW036372.D
 Acq On : 01 Jul 2024 13:53
 Operator : SY/MD
 Sample : P3035-04
 Misc : 5.09g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 02:37:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 02:29:42 2024
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)

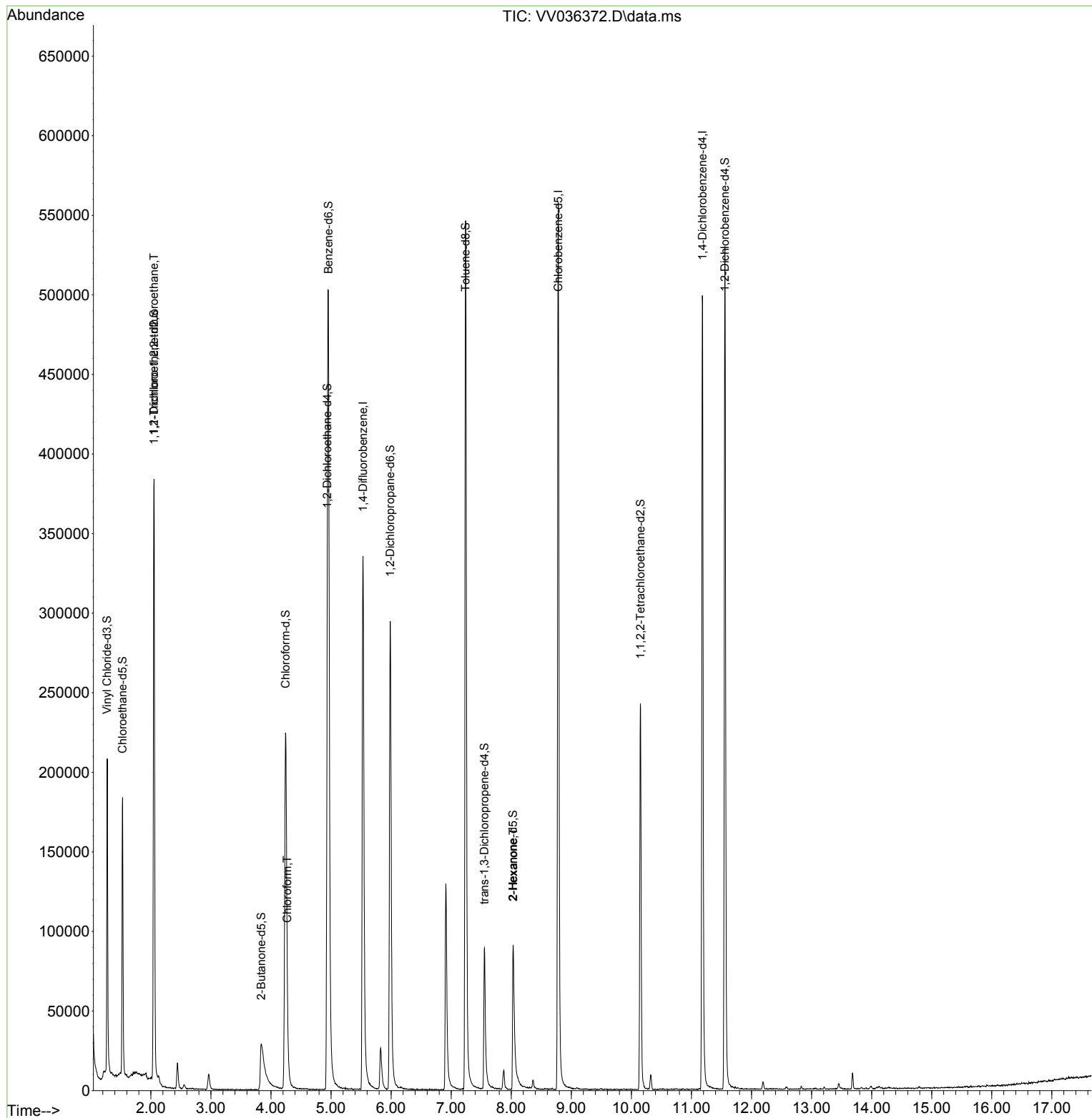
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	302382	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	319006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	135064	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	131671	25.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.560%	
7) Chloroethane-d5		1.529	69	113934	27.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.120%	
11) 1,1-Dichloroethene-d2		2.053	65	62162	25.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.000%	
21) 2-Butanone-d5		3.838	46	52667	44.189	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.380%	
24) Chloroform-d		4.243	84	246330	27.598	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.400%	
26) 1,2-Dichloroethane-d4		4.937	65	137308	28.847	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.400%	
32) Benzene-d6		4.957	84	461754	25.642	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.560%	
36) 1,2-Dichloropropane-d6		5.986	67	148977	27.504	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.000%	
41) Toluene-d8		7.239	98	381364	23.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%	
43) trans-1,3-Dichloroprop...		7.551	79	56994	23.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%	
47) 2-Hexanone-d5		8.030	63	35742	41.338	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.680%	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	120441	27.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.520%	
66) 1,2-Dichlorobenzene-d4		11.558	152	139398	28.322	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.280%	
Target Compounds							Qvalue
10) 1,1,2-Trichloro-1,2,2-...		2.050	101	2148	0.399	ug/L #	31
25) Chloroform		4.272	83	5224	0.583	ug/L	96
48) 2-Hexanone		8.034	43	4049	1.891	ug/L #	73

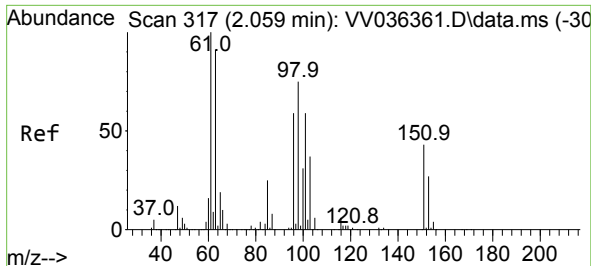
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.399 ug/L

RT: 2.050 min Scan# 317

Delta R.T. -0.010 min

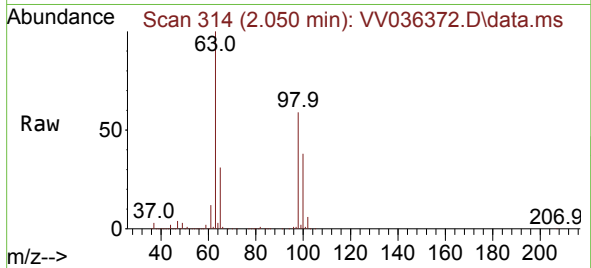
Lab File: VV036372.D

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Instrument :

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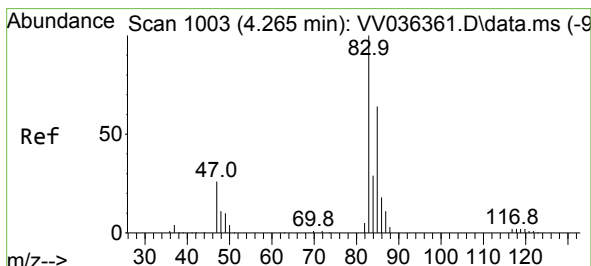
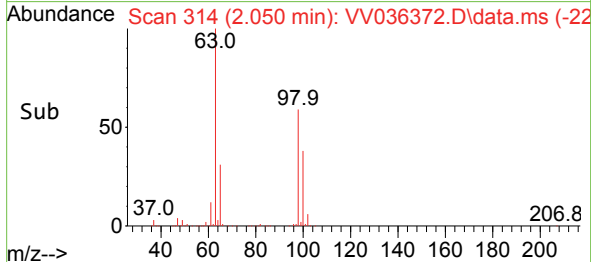
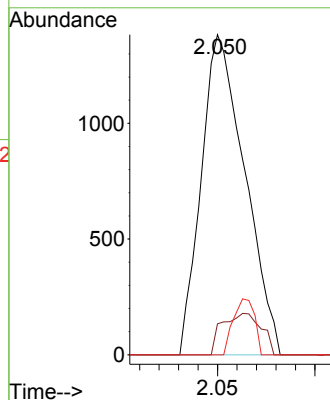
Tgt Ion:101 Resp: 2148

Ion Ratio Lower Upper

101 100

85 7.8 34.6 51.8#

151 8.5 58.9 88.3#



#25

Chloroform

Concen: 0.583 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.007 min

Lab File: VV036372.D

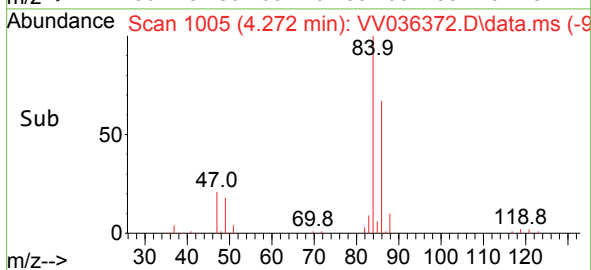
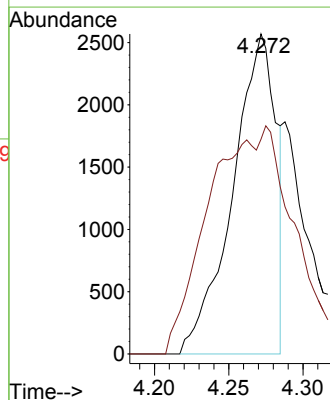
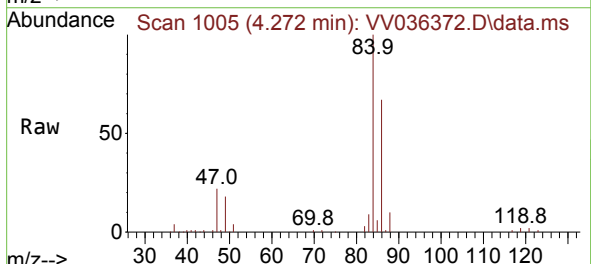
Acq: 01 Jul 2024 13:53

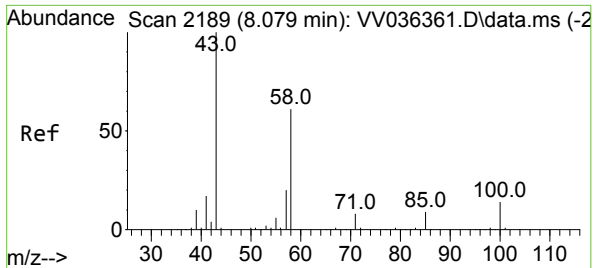
Tgt Ion: 83 Resp: 5224

Ion Ratio Lower Upper

83 100

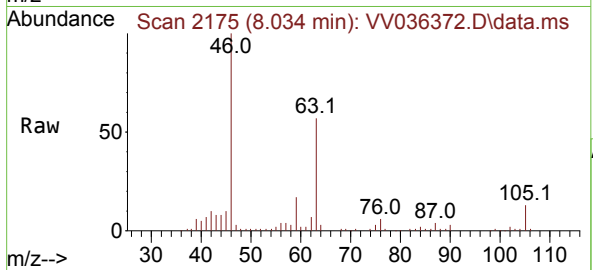
85 67.1 45.0 83.6





#48
 2-Hexanone
 Concen: 1.891 ug/L
 RT: 8.034 min Scan# 2189
 Delta R.T. -0.045 min
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Tgt Ion: 43	Resp: 4049
Ion Ratio	Lower Upper
43	100
58	49.1 48.5 72.7
57	48.4 15.8 23.6#
100	3.3 10.9 16.3#

